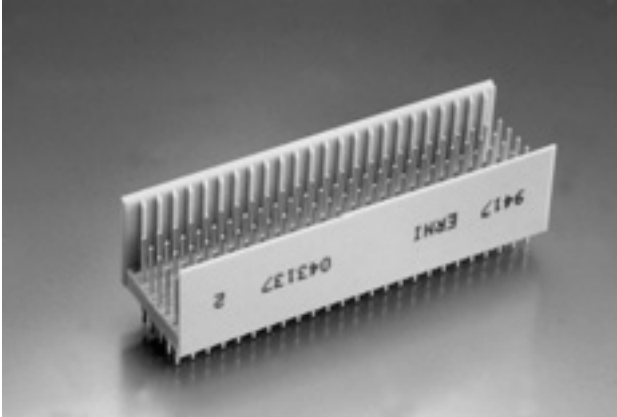


# Vertical Male Connectors Type B For Backplanes

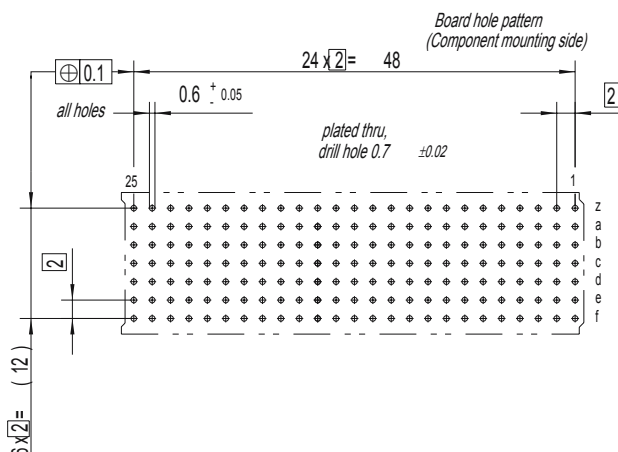
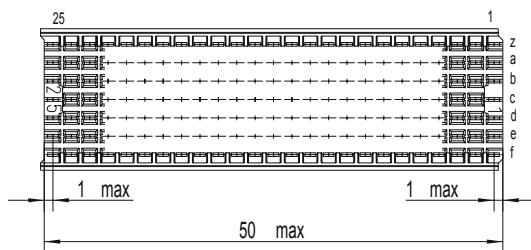
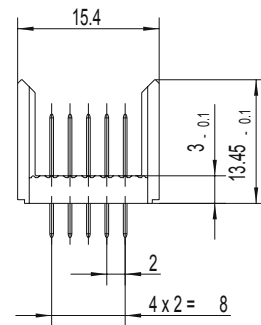
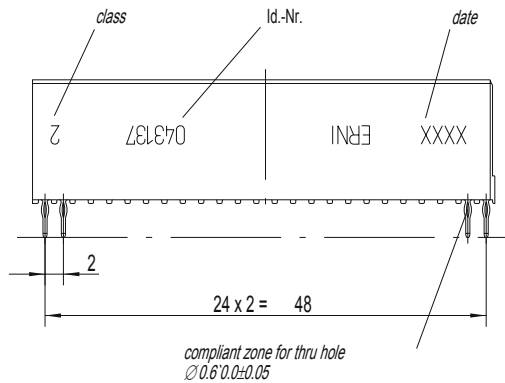
125 signal contacts  
50 mm without multifunction block



The ERmet CompactPCI type B vertical male connector provides 125 signal contacts and 50 ground shield contacts in a 5+2 row x 25, fully loaded configuration. With 15 different standard pin lengths to choose from, this is one of the most versatile connectors available. The connector is designed for gas tight pressfit installation.

The ERmet type B vertical male connector has an uninterrupted pin field with no multifunction cavity. This connector is not designed to be used alone, but it is intended to be used in conjunction with either a type A, C, L, M or N ERmet connector.

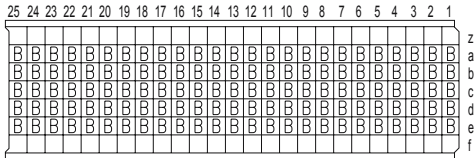
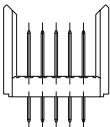
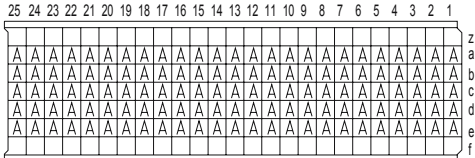
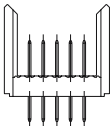
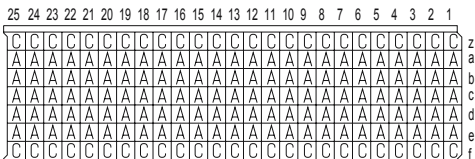
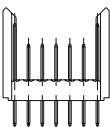
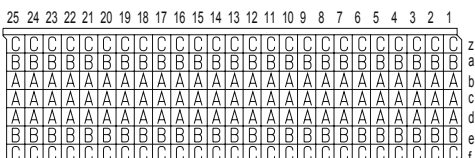
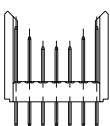
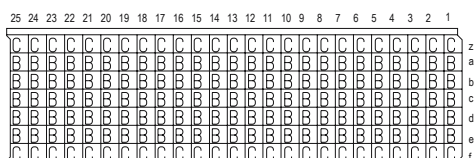
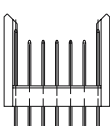
## Dimensional drawings and board hole pattern



Note: The numbering on the connectors themselves is in accordance with the IEC 61076-4-101 standard. All dimensions in mm.

# Vertical Male Connectors Type B For Backplanes

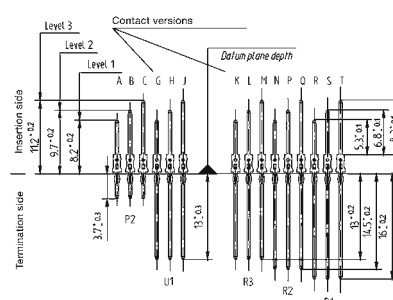
## Ordering Information

| Configuration                                                                                                                                                                         | Used For | No. of Pins | Part Number |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------------|
| <p>Type B</p>       |          | 125         | 043137      |
| <p>Type B</p>       |          | 125         | 053088      |
| <p>Type B</p>   |          | 175         | 053008      |
| <p>Type B</p>   |          | 175         | 054293      |
| <p>Type B</p>   |          | 175         | 054392      |

## Contact versions

ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



# Vertical Male Connectors Type B For Backplanes

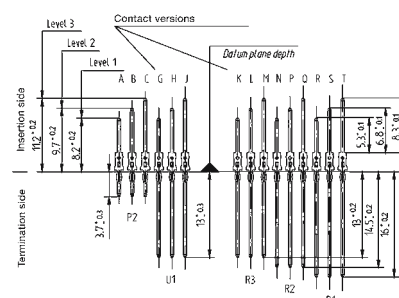
## Ordering Information

| Configuration                      | Used For                         | No. of Pins | Part Number   |
|------------------------------------|----------------------------------|-------------|---------------|
| Type B With Extended Terminals<br> |                                  | 125         | <b>043476</b> |
| Type B With Extended Terminals<br> |                                  | 175         | <b>054186</b> |
| Type B With Extended Terminals<br> |                                  | 175         | <b>064522</b> |
| Type B<br>                         | <b>CompactPCI™</b><br><br>P2, P5 | 154         | <b>914796</b> |
| Type B<br>                         | <br><br>P5 Telecom               | 154         | <b>923162</b> |

## Contact versions

ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



# Vertical Male Connectors Type B For Backplanes

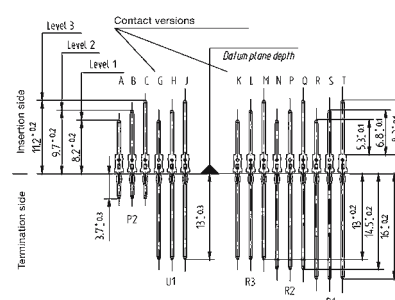
## Ordering Information

| Configuration                                                    | Used For                         | No. of Pins | Part Number |
|------------------------------------------------------------------|----------------------------------|-------------|-------------|
| Type B With Extended Terminals<br>                               | <br><b>CompactPCI™</b><br>P2, P5 | 154         | 064690      |
| Type B With Extended Terminals For Shrouding<br>                 | <br><b>CompactPCI™</b><br>P2     | 154         | 923131      |
| Type B (AB Compatible) With Extended Terminals For Shrouding<br> | <br><b>ECTF™</b><br>P5 Telecom   | 132         | 923339      |
| Type B (AB Compatible) With Extended Terminals For Shrouding<br> | <br><b>CompactPCI™</b><br>P2     | 154         | 923340      |
| Type B (AB Compatible) With Extended Terminals For Shrouding<br> | <br><b>CompactPCI™</b><br>P2     | 132         | 923345      |

## Contact versions

ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



# Vertical Male Connectors Type B For Backplanes

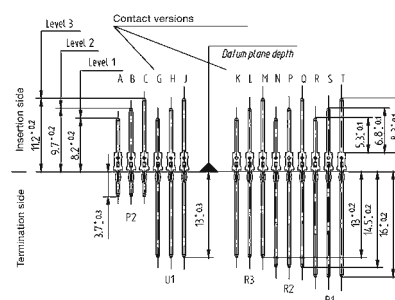
## Ordering Information

| Configuration                                                           | Used For                     | No. of Pins | Part Number   |
|-------------------------------------------------------------------------|------------------------------|-------------|---------------|
| <b>Type B</b><br>                                                       | <b>CompactPCI™</b><br><br>P3 | 133         | <b>103670</b> |
| <b>Type B With Extended Terminals</b><br>                               | <b>CompactPCI™</b><br><br>P3 | 133         | <b>914793</b> |
| <b>Type B With Extended Terminals For Shrouding</b><br>                 | <b>CompactPCI™</b><br><br>P3 | 133         | <b>923132</b> |
| <b>Type B (AB Compatible) With Extended Terminals For Shrouding</b><br> | <b>CompactPCI™</b><br><br>P3 | 133         | <b>923341</b> |
| <b>Type B (AB Compatible) With Extended Terminals For Shrouding</b><br> | <b>CompactPCI™</b><br><br>P3 | 114         | <b>923346</b> |

## Contact versions

ERNI can accommodate any pattern of male connector contact loading.

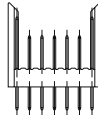
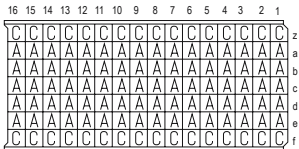
For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



# Vertical Male Connectors Type B For Backplanes

## Ordering Information

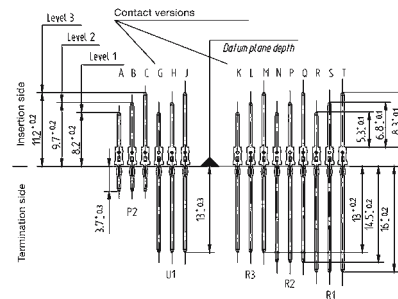
| Configuration | Used For | No. of Pins | Part Number |
|---------------|----------|-------------|-------------|
| Type B        |          | 112         | 064766      |



## Contact versions

ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ERNI Electronics:](#)

[064522](#)